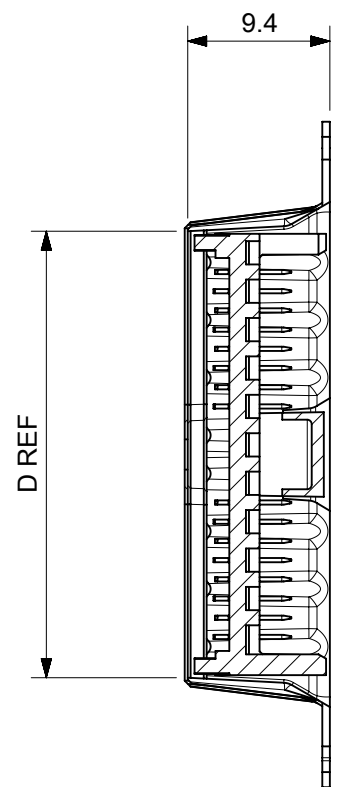
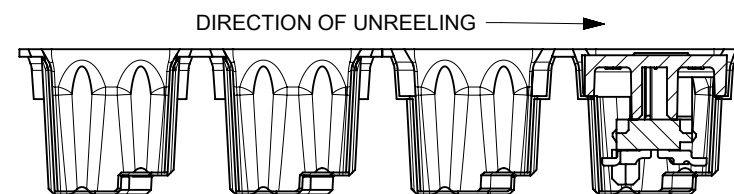
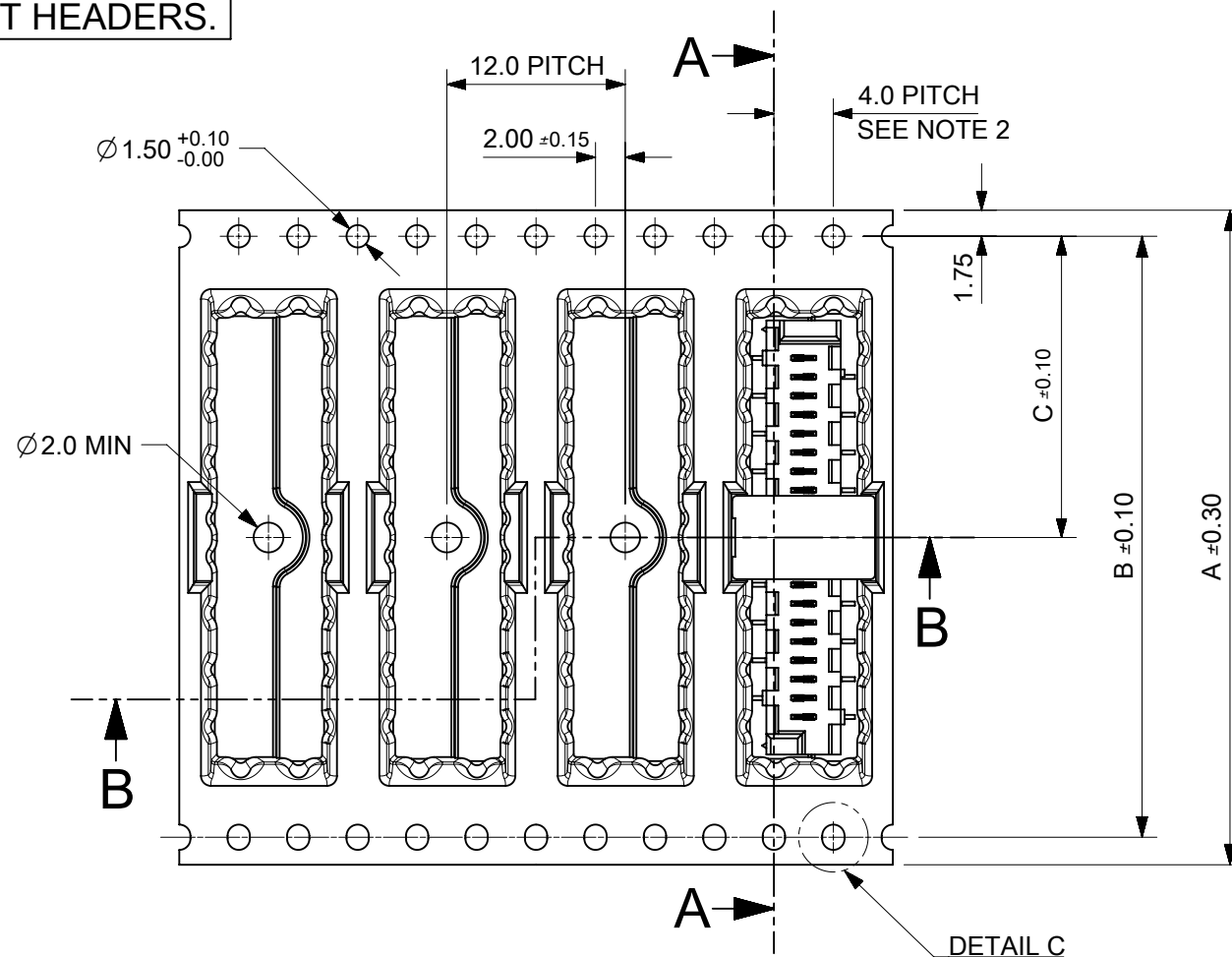


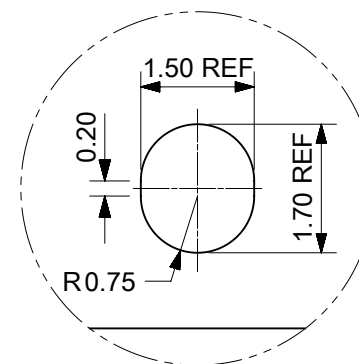
CARRIER TAPE FOR STANDARD SMT HEADERS.



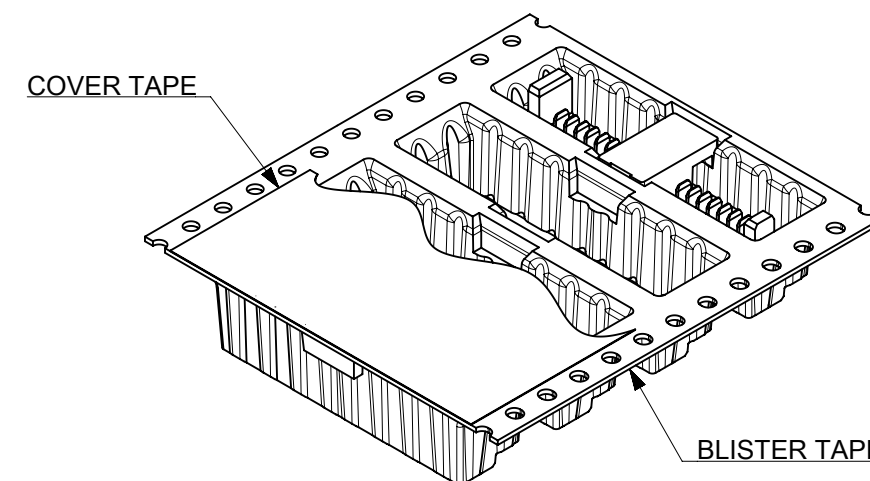
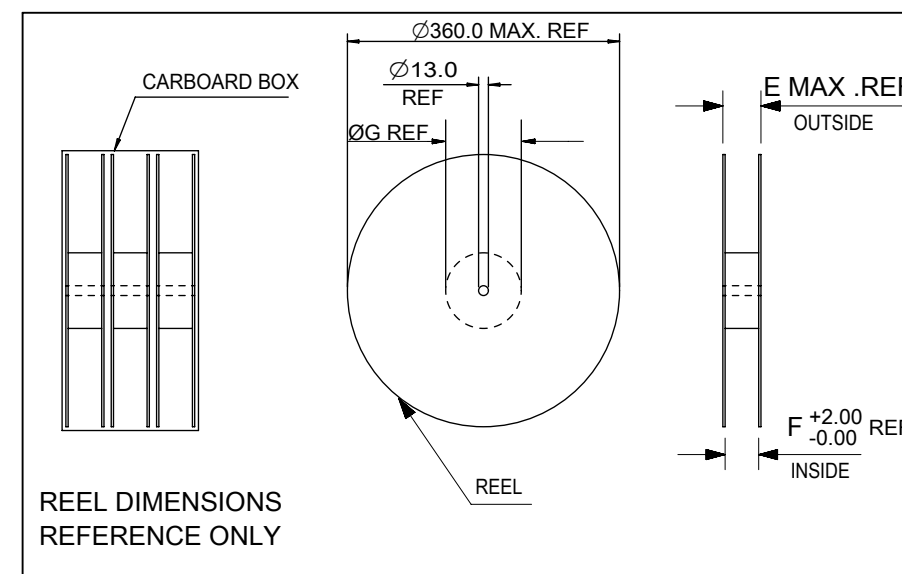
SECTION A-A



SECTION B-B



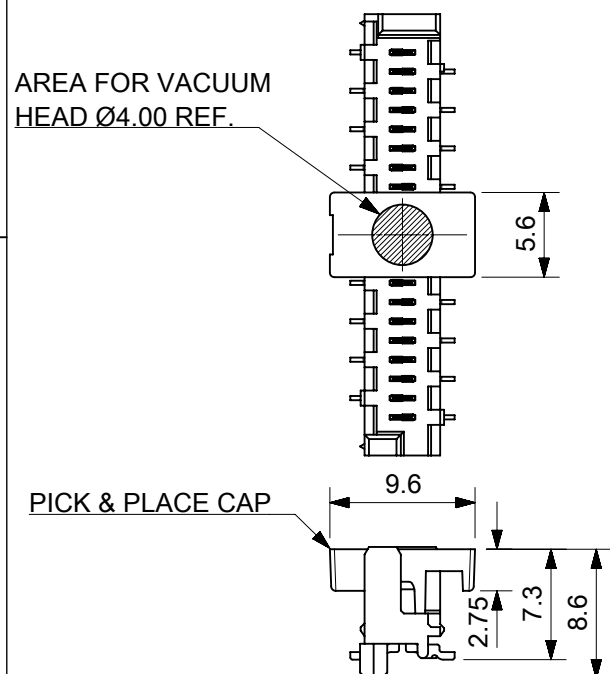
DETAIL C
SCALE 10:1



STANDARD SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*2**/-*5**

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL

AREA FOR VACUUM
HEAD Ø4.00 REF.

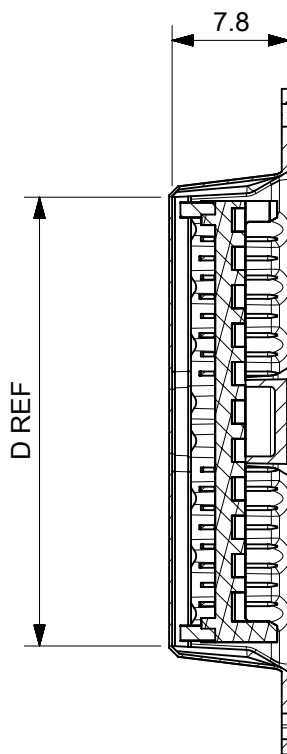


NOTES:

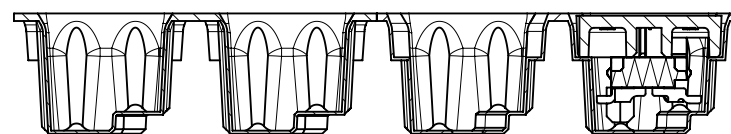
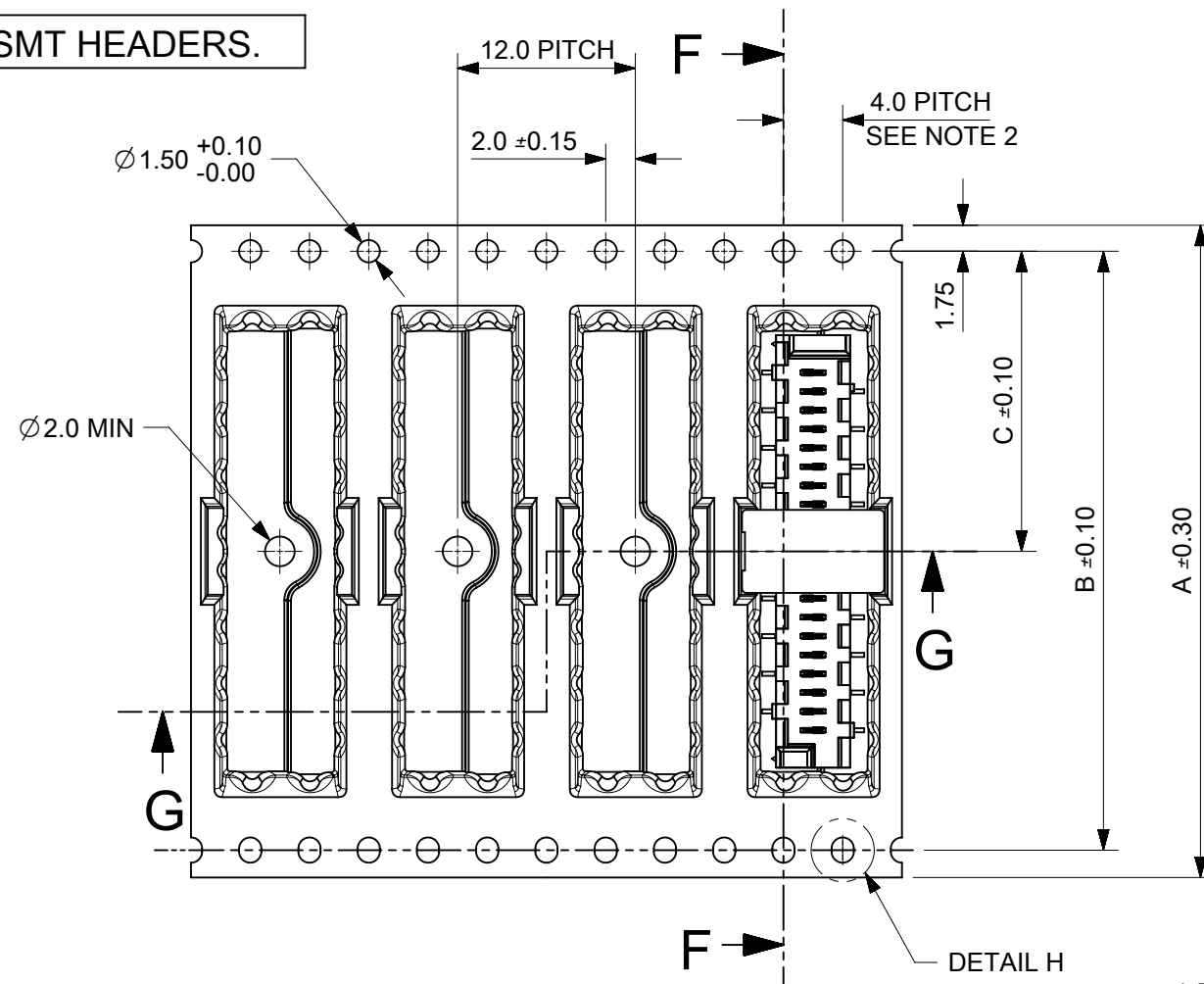
1. MATERIAL:
CARRIER TAPE: VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE, 0.4 mm REF. THICK, CLEAR.
COVER TAPE: COLD SEAL POLYESTER, 0.06 mm REF. THICK, TRANSPARENT.
2. PITCH TOLERANCE OVER ANY 10 PITCHES ± 0.2 mm.
3. ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE.
4. ALL INTERNAL RADII R0.3 MAX.
5. PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.3 N AT MAXIMUM PEEL SPEED OF 300 mm/MIN, $\pm 10\%$.
6. REFERENCE TO IEC 60286-3.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				molex							
mm		1.5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 169568 DRWN: BPMURPHY 2017/12/05 CHK'D: DSHEA 2018/04/13 APPR: DBYRNES 2018/04/18 INITIAL REVISION: DRWN: BPMURPHY 2017/09/25 APPR: DBYRNES 2017/11/17				PICOFLEX SMT HEADER BLISTER TAPE							
ANGULAR TOL ± 2.0°								PRODUCT CUSTOMER DRAWING							
4 PLACES ±								DOCUMENT NUMBER							
3 PLACES ±								908149002							
2 PLACES ± 0.1								DOC TYPE							
1 PLACE ± 0.2								DOC PART		REVISION					
0 PLACES ±								PSD		000		B			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		90814		SEE TABLE		GENERAL MARKET		1 OF 2	

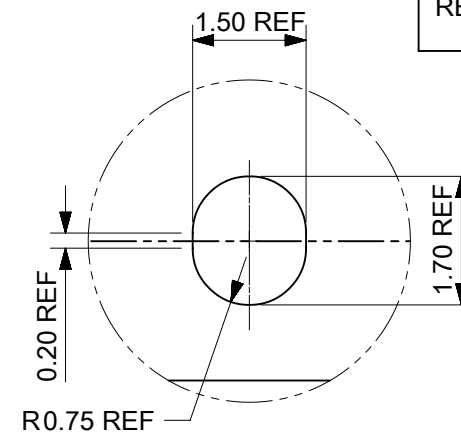
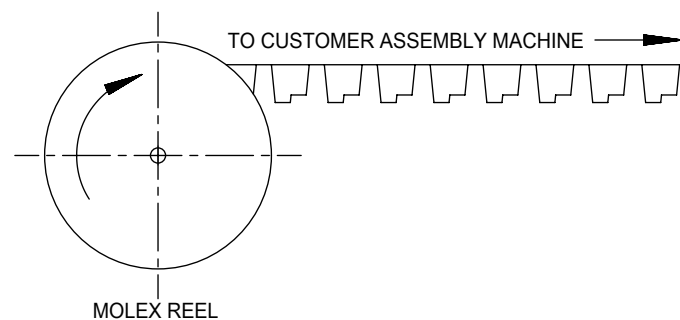
CARRIER TAPE FOR LOW PROFILE SMT HEADERS.



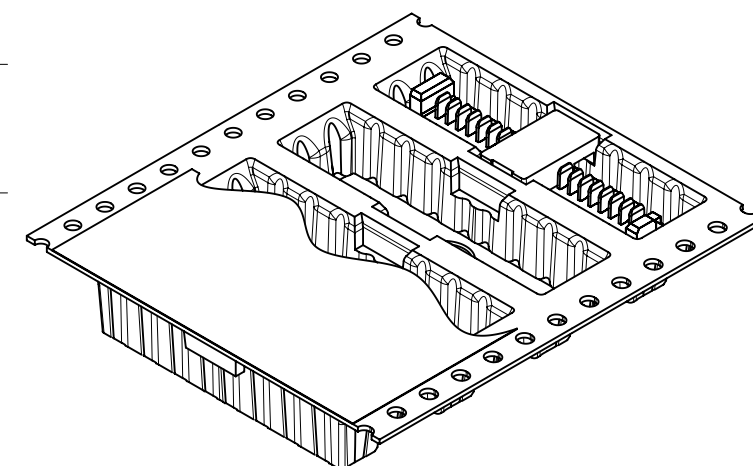
SECTION F-F



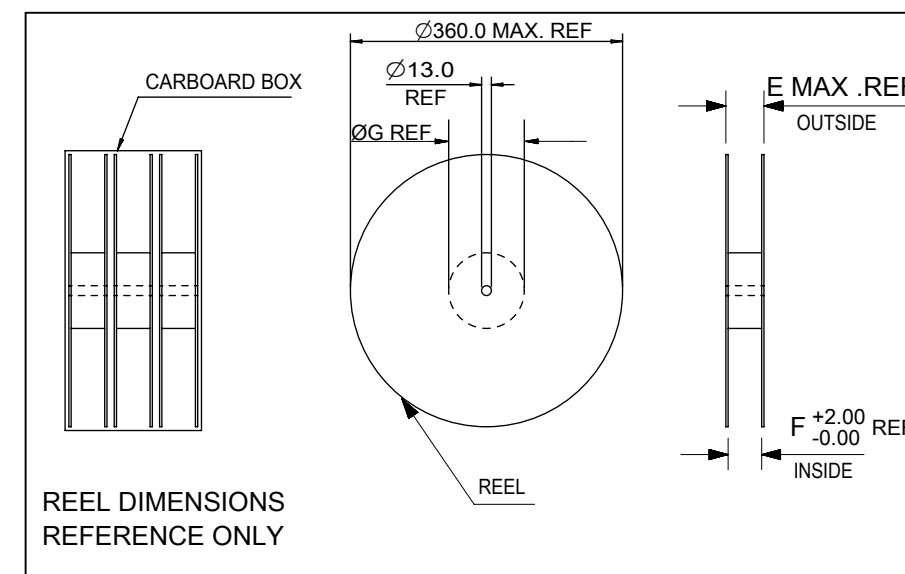
SECTION G-G



DETAIL H
SCALE 10:1

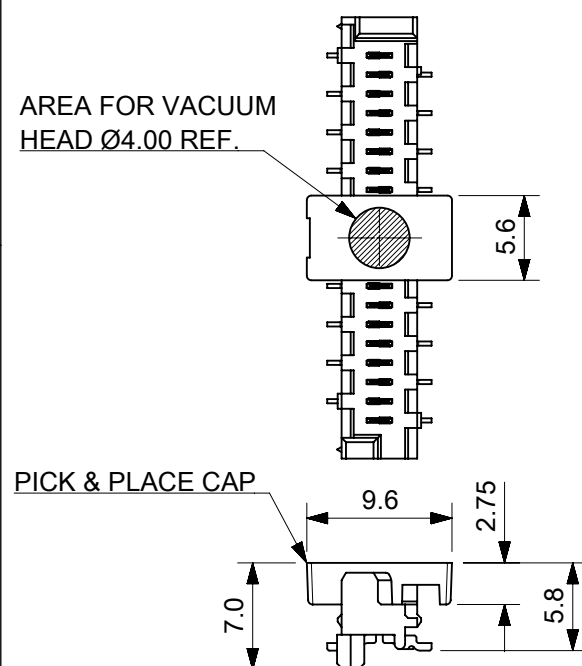


PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*720/*920	20	44.0	40.4	20.2	29.5	50.4	44.4	100.0	1800	3	600
90814-*718/*918	18										
90814-*716/*916	16										
90814-*714/*914	14										
90814-*712/*912	12										
90814-*710/*910	10										
90814-*708/*908	8										
90814-*706/*906	6										
90814-*704/*904	4										



LOW-PROFILE SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*7**/-*9**

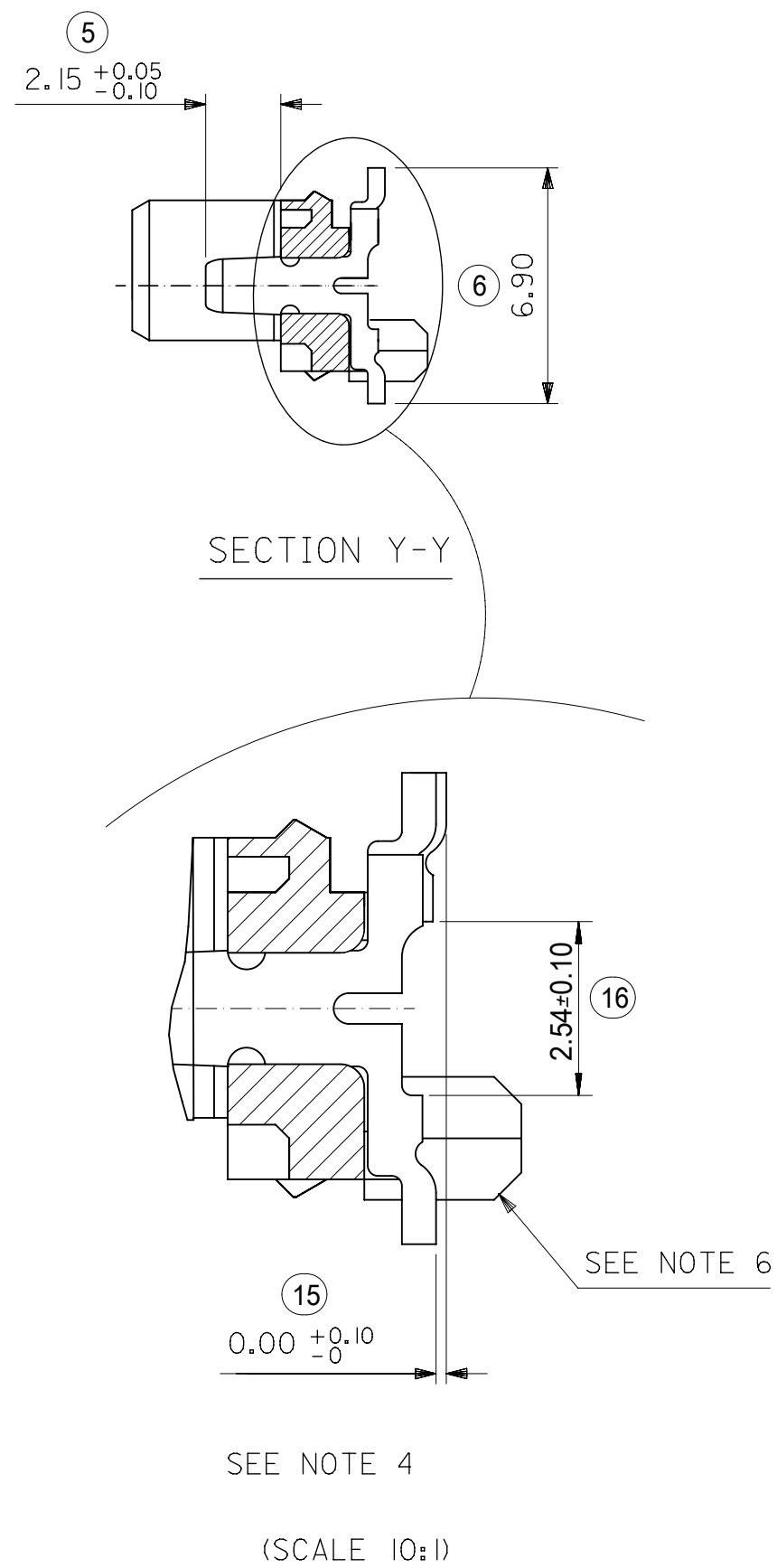
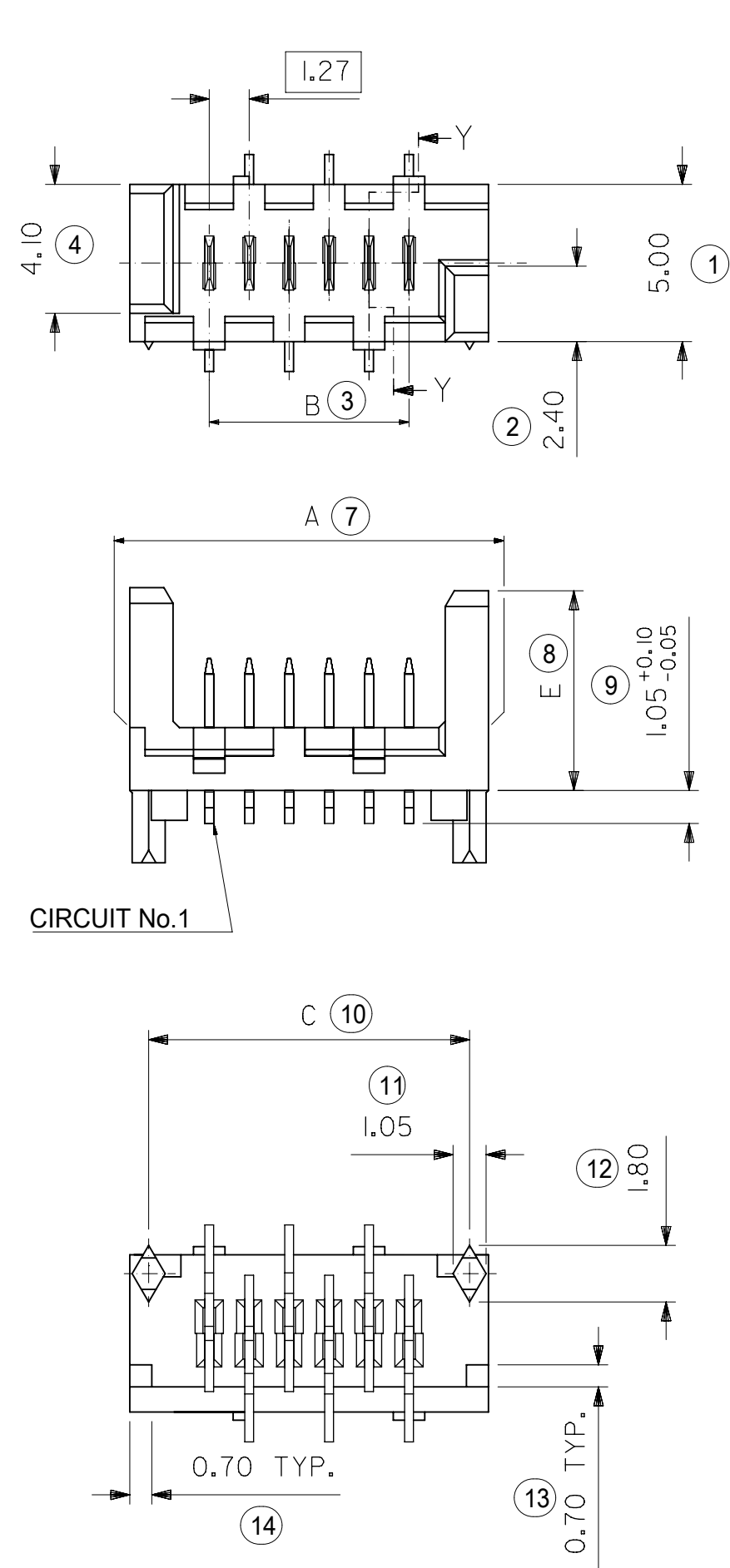
SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



NOTES:

1. MATERIAL:
CARRIER TAPE: VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE, 0.4 mm REF. THICK, CLEAR.
COVER TAPE: COLD SEAL POLYESTER, 0.06 mm REF. THICK, TRANSPARENT.
2. PITCH TOLERANCE OVER ANY 10 PITCHES ± 0.2 mm.
3. ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE.
4. ALL INTERNAL RADII R0.3 MAX.
5. PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.3 N AT MAXIMUM PEEL SPEED OF 300 mm/MIN, $\pm 10\%$.
6. REFERENCE TO IEC 60286-3.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				molex							
mm		1.5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICOFLEX SMT HEADER BLISTER TAPE							
ANGULAR TOL ± 2.0°															
4 PLACES ±															
3 PLACES ±				PRODUCT CUSTOMER DRAWING											
2 PLACES ± 0.1															
1 PLACE ± 0.2				DOCUMENT NUMBER		DOC TYPE		DOC PART		REV					
0 PLACES ±															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		90814		SEE TABLE		GENERAL MARKET		2 OF 2	



NOTES:

1) MATERIAL: HOUSING: NYLON (PA) GLASS FILLED. UL94 V-0, NATURAL (BEIGE)

TERMINAL - CARTRIDGE BRASS 0.28 REF THICK

2) PLATING:

TIN: TIN (Sn) 3-5 MICROMETRE OVER 1.27 MICROMETRE MIN NICKEL(Ni).

PALLADIUM NICKEL (PdNi): 0.6 MICROMETRE SELECTIVE PdNi WITH 0.05 MICROMETRE GOLD FLASH

IN CONTACT AREA AND 3-5 MICROMETRE SELECTIVE TIN IN SOLDER TAIL AREA

OVER 1.27 MICROMETRE NICKEL(Ni) UNDERCOAT.

3) MATES WITH MOLEX 90327 PART SERIES.

4) ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF 0.0 - 0.10 REF. FROM EACH OTHER.

5) FOR TAPE AND REEL PACKAGING SEE 908149001 PSD AND 908149002 PSD.

FOR TUBE PACKAGING SEE PK-90814-001

6) PCB PEGS ARE OPTIONAL.

7) PCB LAYOUT SHOWN ON SHEET 2.

8) PRODUCT SPECIFICATION: PS-99020-0011

9) FOR RECOMMENDED REFLOW PROFILES, REFER TO PS-99020-0011 APPENDIX B

INSPECTION NUMBERS USED ON SHEET 1: 1-50

LAST INSPECTION NUMBER: 16

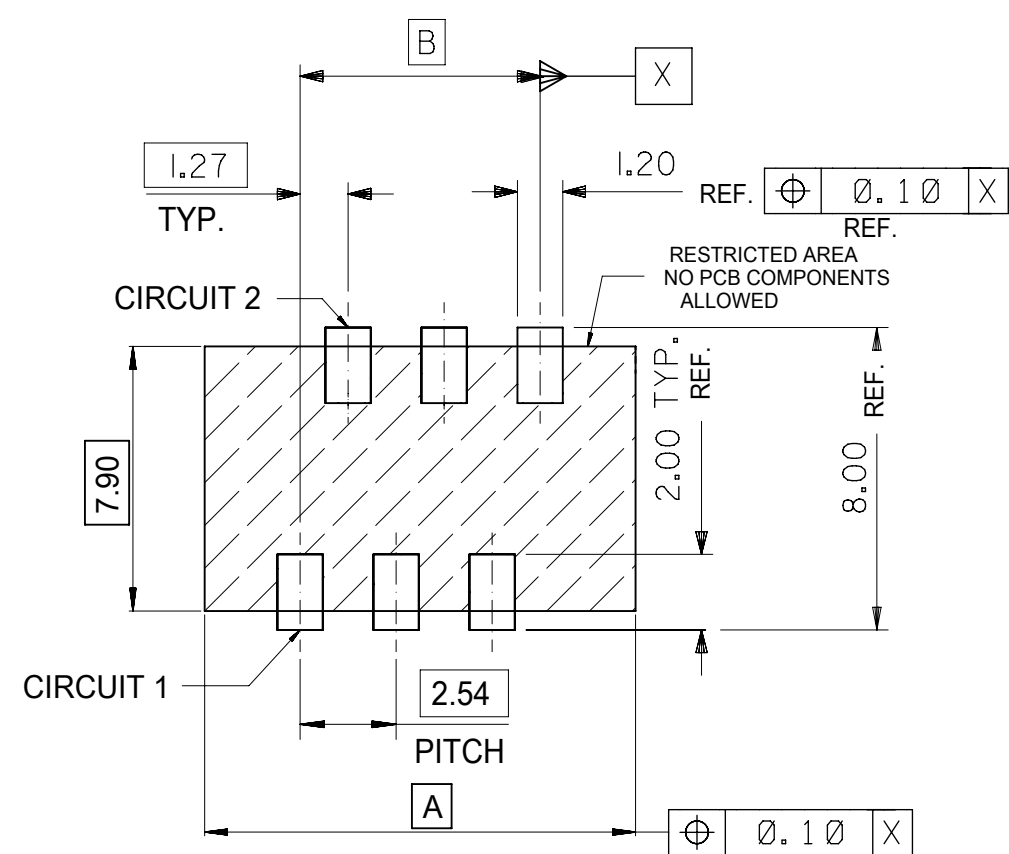
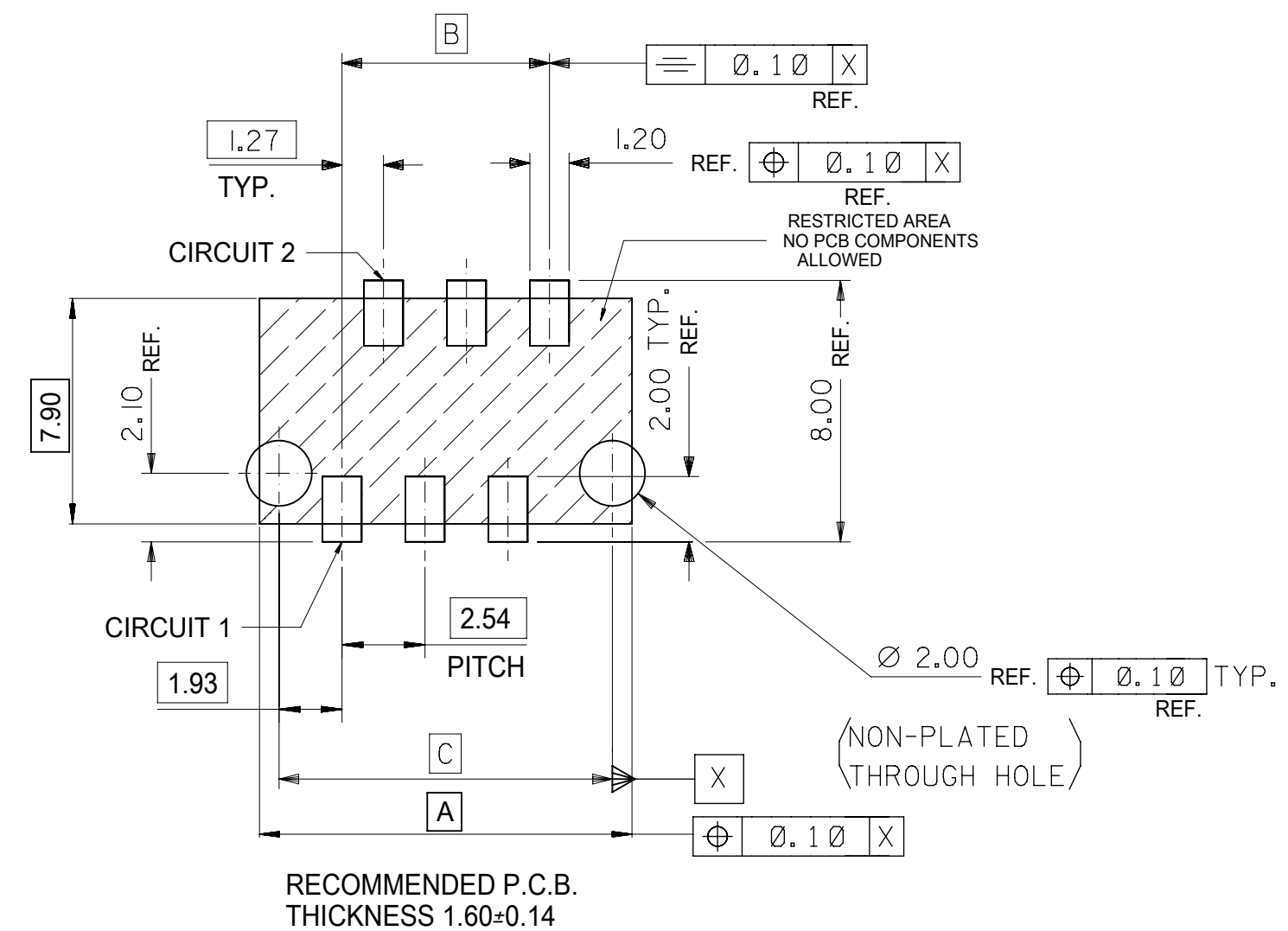
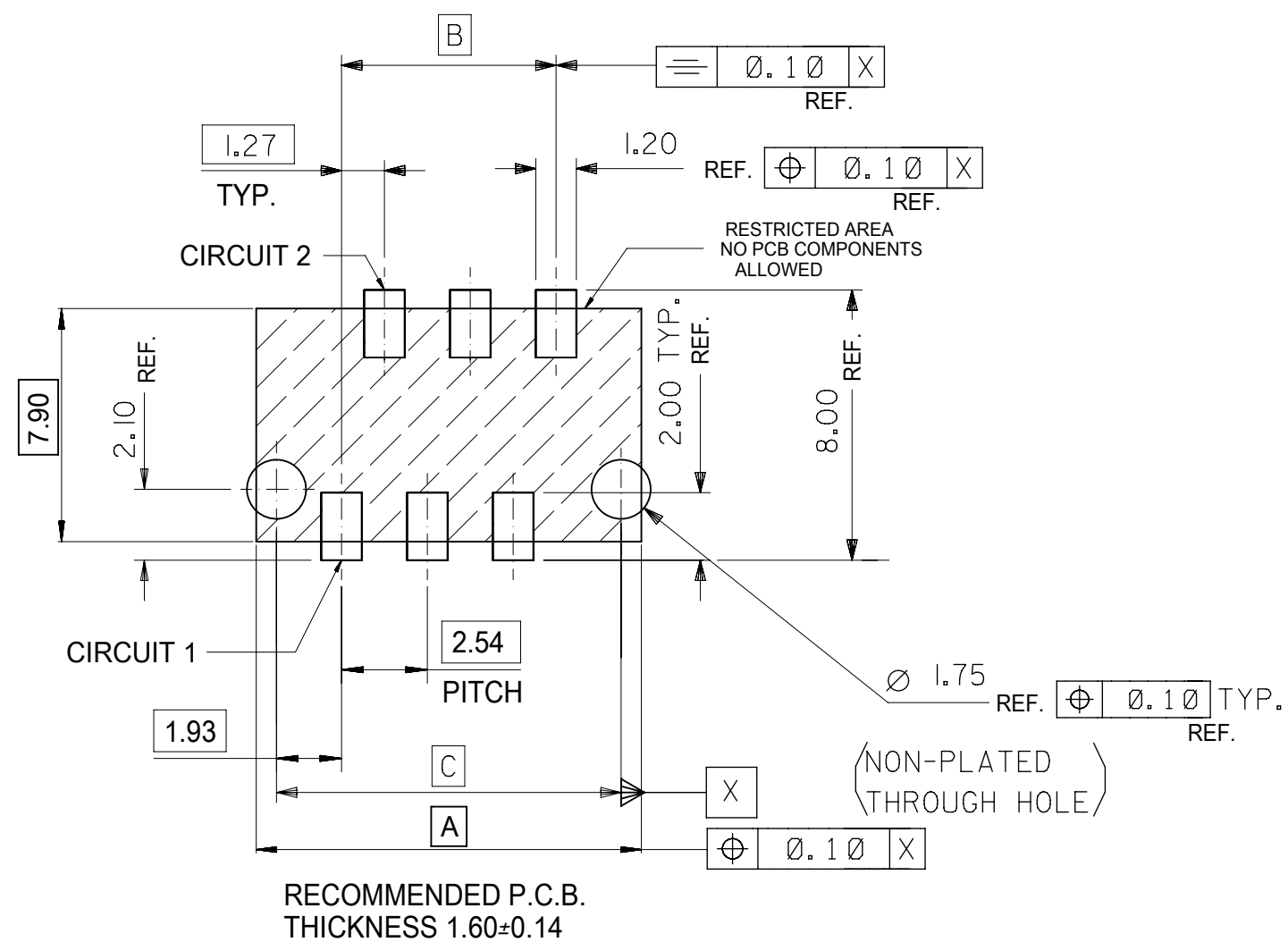
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE	CURRENT REV DESC: REVISED					molex					
mm		5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL		±						0.5 °					
4 PLACES		±											
3 PLACES		±	EC NO: 617828					PICOFLEX SMT HEADER					
2 PLACES		±	0.1	DRWN: CFISHER01 2019/05/23									
1 PLACE		±	CHK'D: BRUTTLE 2019/05/23										
0 PLACES		±	APPR: BRUTTLE 2019/05/23					PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
								SDA-90814		PSD	001	AB	
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A2-SIZE		90814		SEE CHART		GENERAL MARKET		1 OF 2	

90814-***26	26	36.80	31.75	35.60	14	YES
90814-***24	24	34.26	29.21	33.06	15	YES
90814-***22	22	31.72	26.67	30.52	16	YES
90814-***20	20	29.18	24.13	27.98	18	YES
90814-***18	18	26.64	21.59	25.44	20	YES
90814-***16	16	24.10	19.05	22.90	22	YES
90814-***14	14	21.56	16.51	20.36	25	YES
90814-***12	12	19.02	13.97	17.82	28	YES
90814-***10	10	16.48	11.43	15.28	32	YES
90814-***08	8	13.94	8.89	12.74	38	YES
90814-***06	6	11.40	6.35	10.20	46	YES
90814-***04	4	8.86	3.81	7.66	60	YES
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (- *0**/- *3**/- *6** & - *8** VERSIONS)	TOOLED

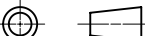
CIRCUIT SIZE					
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E	
0	YES	YES	NO	6.40	STANDARD
2	YES	NO	YES	6.40	PROFILE
3	NO	YES	NO	6.40	REFLOW
5	NO	NO	YES	6.40	NOTE 9
6	NO	YES	NO	4.10	LOW
7	NO	NO	YES	4.10	PROFILE
8	YES	YES	NO	4.10	REFLOW
9	YES	NO	YES	4.10	NOTE 9

- 0= 3-5 MICROMETRE TIN VERSION

3= 0.6 MICROMETRE PALLADIUM NICKEL VERSION



90814-**-26	26	36.80	31.75	35.60
90814-**-24	24	34.26	29.21	33.06
90814-**-22	22	31.72	26.67	30.52
90814-**-20	20	29.18	24.13	27.98
90814-**-18	18	26.64	21.59	25.44
90814-**-16	16	24.10	19.05	22.90
90814-**-14	14	21.56	16.51	20.36
90814-**-12	12	19.02	13.97	17.82
90814-**-10	10	16.48	11.43	15.28
90814-**-08	8	13.94	8.89	12.74
90814-**-06	6	11.40	6.35	10.20
90814-**-04	4	8.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				molex								
mm		5:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICOFLEX SMT HEADER								
ANGULAR TOL		± 0.5 °														
4 PLACES		±														
3 PLACES		±		EC NO: 617828 DRWN: CFISHER01 2019/05/23 CHK'D: BRUTTLE 2019/05/23 APPR: BRUTTLE 2019/05/23				PRODUCT CUSTOMER DRAWING								
2 PLACES		± 0.1														
1 PLACE		±														
0 PLACES		±		INITIAL REVISION: DRWN: DMCNAMAR 2001/08/16 APPR: EFOLON 2010/11/04				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 						DRAWING A2-SIZE		SERIES 90814		SDA-90814		PSD	001	AB
												MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
								SEE CHART		GENERAL MARKET		2 OF 2				